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4

Application Number

10/661,213

Filing Date

09/12/2003

First Named Inventor

Dennis Francis Grosjean

Art Unit

2857

Examiner Name

Barbee

Attorney Docket Number

INN 001 PA

ENCLOSURES (Check all that apply)

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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Stevens & Showalter LLP		
Signature	<i>Michael D. Folkerts</i>		
Printed name	Michael D. Folkerts		
Date	September 26, 2006	Reg. No.	33,348

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Applicant(s) : Grosjean
Serial No. : 10/661,213
Filing Date : September 12, 2003
Title : MOTOR BASED CONDITION MONITORING
Docket : INN 001 PA
Art Unit : 2857
Examiner : Barbee

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Commissioner for Patents
P.O. Box 1450
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Attorney Reg. No. 33,348

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE


Sir:

In response to the Notice of Allowability of August 15, 2005, the Applicant submits the following comments with regard to the Examiner's statement of reasons for allowance:

In the Examiner's statement of reasons for allowance, the Examiner stated that "neither Palanisamy et al. nor Kliman teach a method of ... sensing current drawn by a motor, analyzing the current waveform to determine a dominant frequency band, filtering the current waveform about the band, identifying a predetermined number of peaks in the filtered current waveform corresponding to a predetermined rotational travel of the motor, defining a width of the unfiltered current waveform using the predetermined number of peaks and setting the defined width of the unfiltered current waveform equal to a predetermined number of equally spaced increments to normalize the current waveform from the time domain to a set of data points defining a waveform in the spatial domain corresponding to the predetermined rotational travel of the motor, as shown in claims 20 and 24."

The Applicant notes that claim 20 does not recite the step of “analyzing the current waveform to determine a dominant frequency band.”

Respectfully submitted,
STEVENS & SHOWALTER, L.L.P.

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